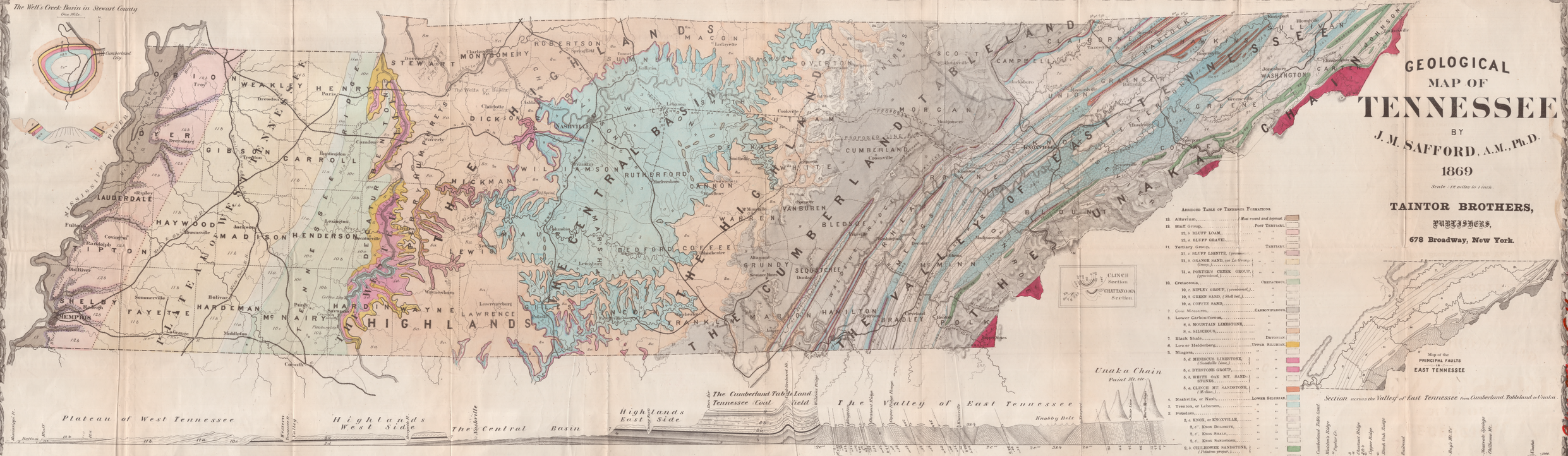
The Wells Creek Basin in Stewart County
One Mile.
Cumberland Gap
GEOLOGICAL
MAP OF
TENNESSEE
BY
J. M. SAFFORD, A.M., Ph.D.
1869
Scale: 12 miles to 1 inch.
TAINTOR BROTHERS,
PUBLISHERS,
678 Broadway, New York.
ABRIDGED TABLE OF TENNESSEE FORMATIONS.
12. Alluvium. Most recent and topmost.
12. Bluff Group. Post Tertiary.
12, b BLUFF LOAM.
12, a BLUFF GRAVEL.
11. Tertiary Group. Tertiary.
11, c BLUFF LIGNITE, (provisional.)
11, b ORANGE SAND, (or La Grange Group.)
11, a PORTER'S CREEK GROUP, (provisional.)
10. Cretaceous. Cretaceous.
10, c RIPLEY GROUP, (provisional.)
10, b GREEN SAND, (Shell bed.)
10, a COFFEE SAND.
9. Coal Measures. Carboniferous.
8. Lower Carboniferous.
8, b MOUNTAIN LIMESTONE.
8, a SILICEOUS.
7. Black Shale. Devonian.
6. Lower Helderberg. Upper Silurian.
5. Niagara.
5, d RENCICUS LIMESTONE, (Goodsville Lime.)
5, c DYESTONE GROUP.
5, b WHITE OAK MT. SANDSTONES.
5, a CLINCH MT. SANDSTONE, (Medina, &c.)
4. Nashville, or Nash. Lower Silurian.
3. Trenton, or Lebanon.
2. Potsdam.
2, c. KNOX, or KNOXVILLE.
2, c'. KNOX DOLOMITE.
2, c''. KNOX SHALE.
2, c'''. KNOX SANDSTONE.
2, b CHILHOWEE SANDSTONE, (Potsdam proper.)
2, a. OCOEE GROUP, (Huron.)
1. Metamorphic, (Huron.) (Eozoic and Laurentian.)
CLINCH Section
CHATTANOOGA Section.
Map of the PRINCIPAL FAULTS in EAST TENNESSEE
Unaka Chain
Point Mt. etc.
Knobby Belt
Section across the Valley of East Tennessee from Cumberland Tableland to Unaka
Plateau of West Tennessee
Highlands West Side
The Central Basin
Highlands East Side
The Cumberland Table Land
Tennessee Coal Field
The Valley of East Tennessee
A GEOLOGICAL SECTION FROM THE MISSISSIPPI RIVER THROUGH DYER COUNTY, NASHVILLE, SPARTA, KINGSTON, KNOXVILLE, NEWPORT, PAINT ROCK TO THE WARM SPRINGS IN NORTH CAROLINA
Vertical Scale, 2000 Feet to the inch. Horizontal 12 miles to the inch. The great difference in scales makes the dip of the rocks in the Valley of East Tennessee appear much greater than it really is. See notes on Map and Section in the Report.
FERD. MAYER & SONS. GENERAL LITH'S. 96 & 98 FULTON ST. N.Y.

Do Not Circ
G&C
396
C5
1869
.S9